

ABSTRACT

Disclosed is a vector for gene therapy, by which the blood level of a desired protein can be monitored at high sensitivity when a gene therapy is conducted, wherein the label peptide does not have a physiological activity and has no immunogenicity in many mammals. The vector for gene therapy comprises a nucleic acid coding for a fusion protein of glucagon C-terminal side 19-29 amino acid peptide region and a desired protein region which should be produced in the body, which nucleic acid is incorporated into an expression vector for mammalian cells.